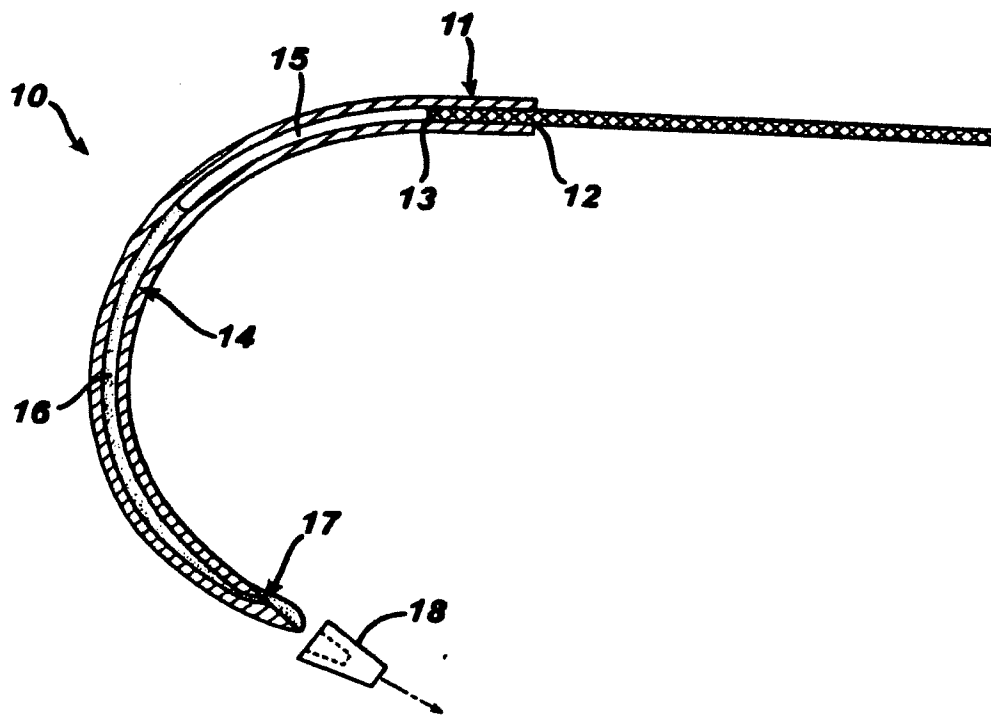


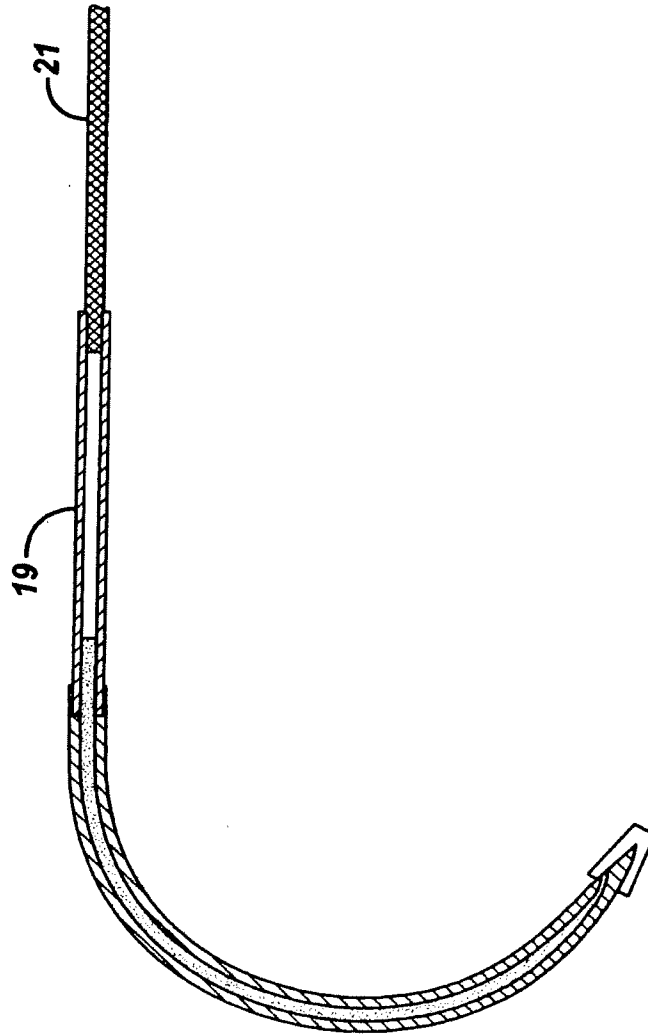
1/14

FIG. 1



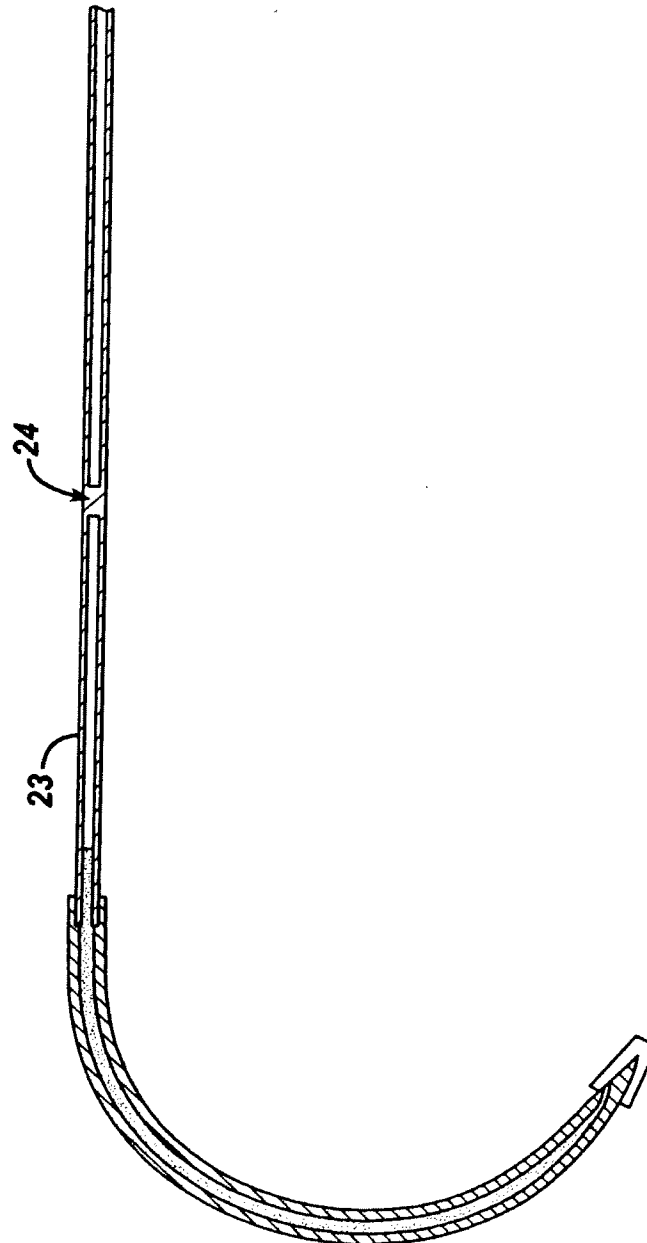
2/14

FIG. 2A



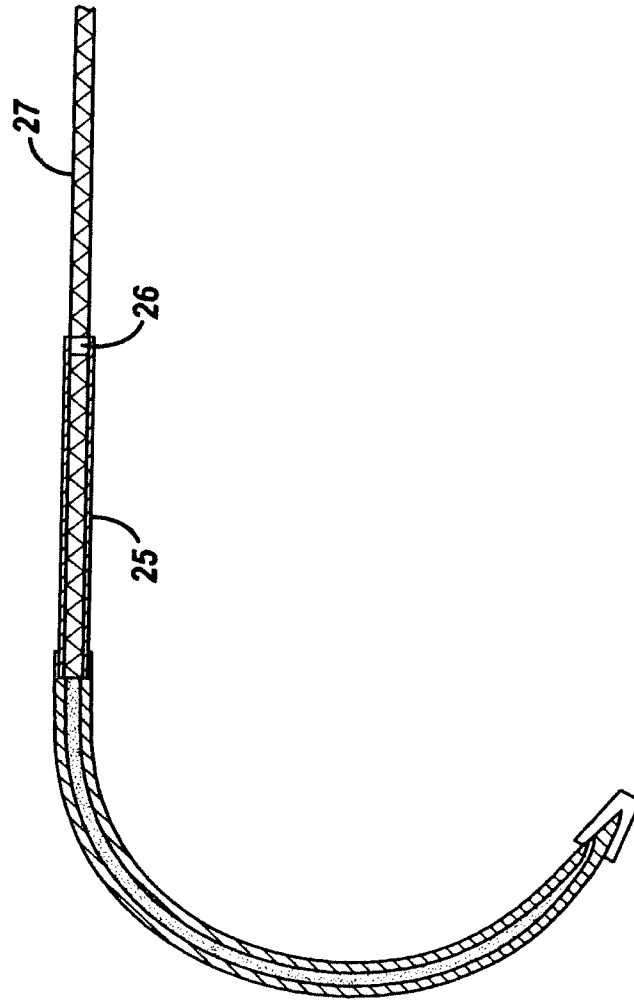
3/14

FIG. 2B



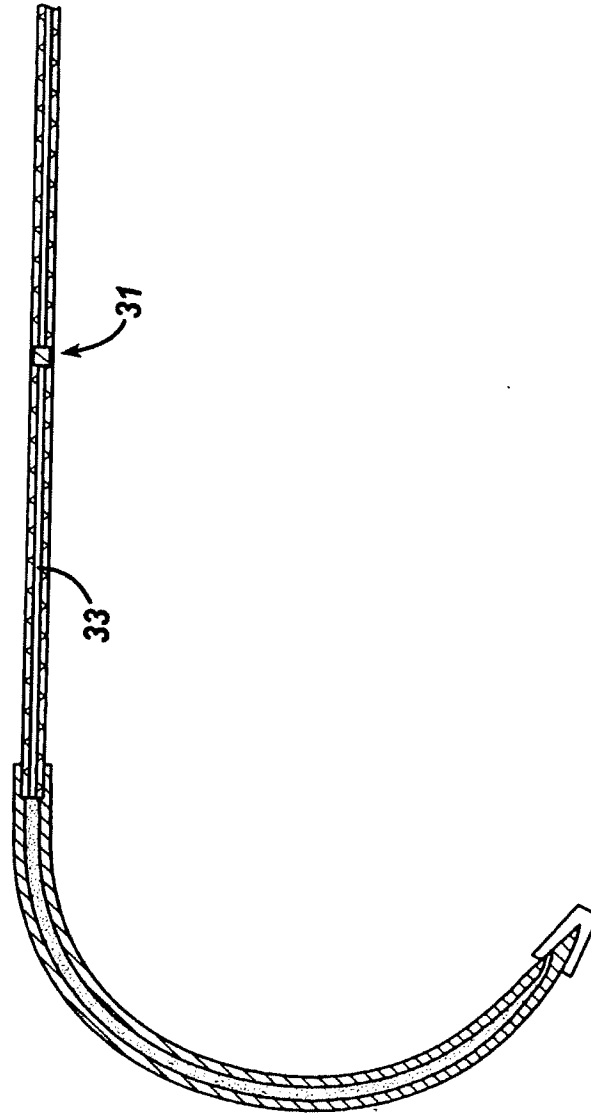
4/14

FIG. 2C



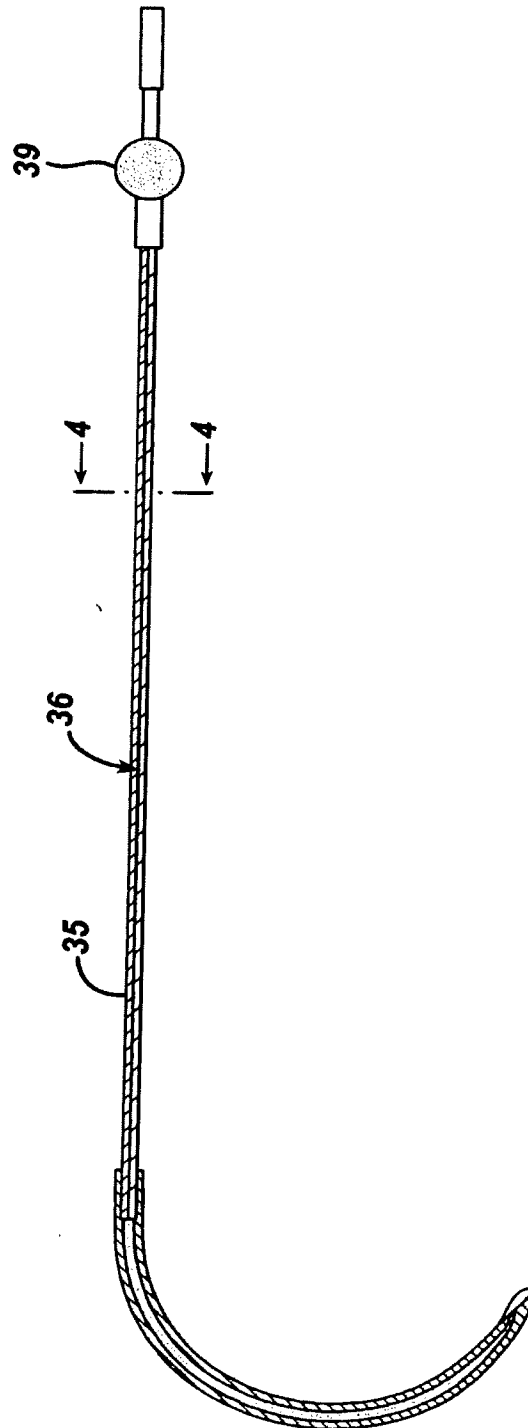
5/14

FIG. 2D



6/14

FIG. 3



7/14

FIG. 4A

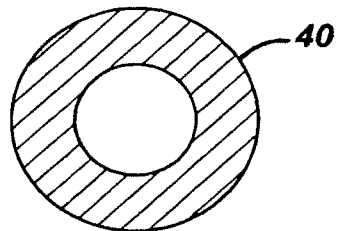


FIG. 4B

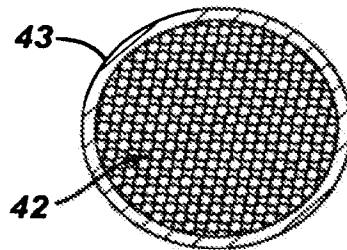


FIG. 4C

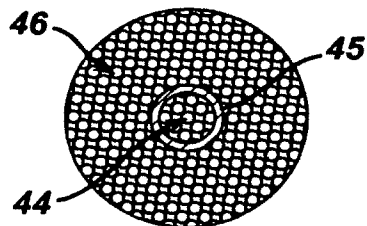
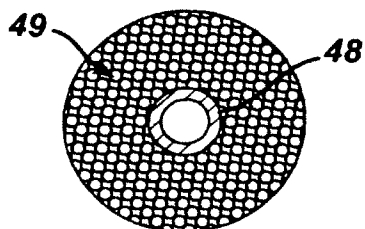


FIG. 4D



8/14

FIG. 5A

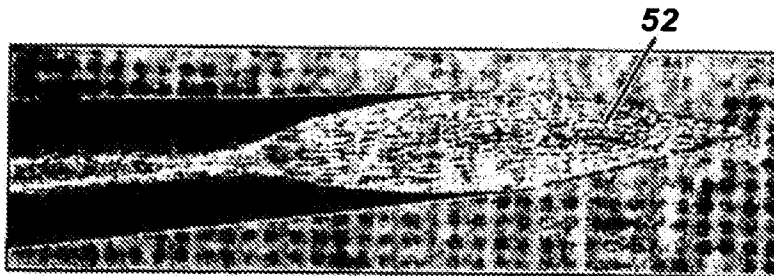


FIG. 5B

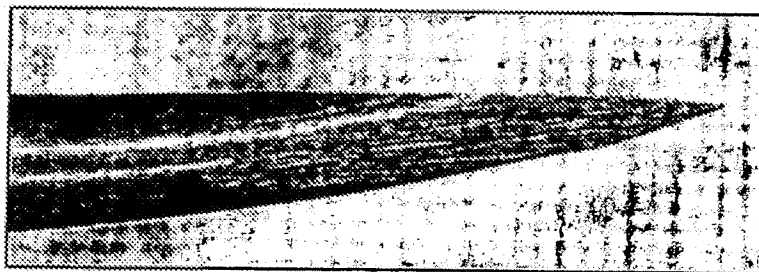
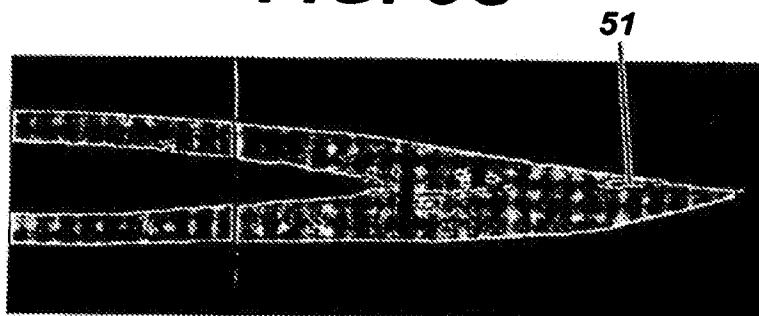


FIG. 5C



9/14

FIG. 6A

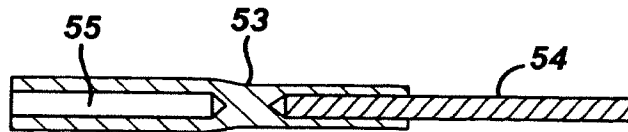


FIG. 6B

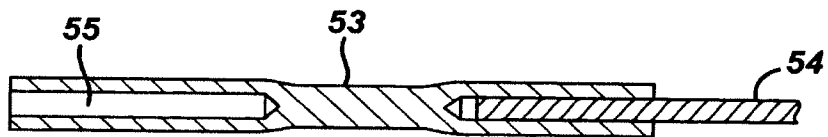


FIG. 6C

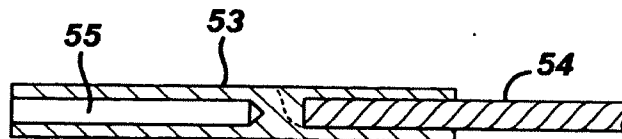
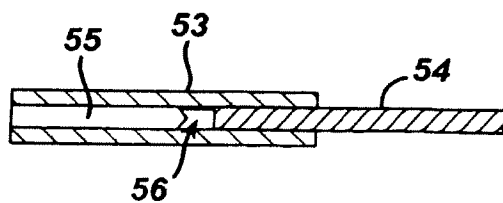
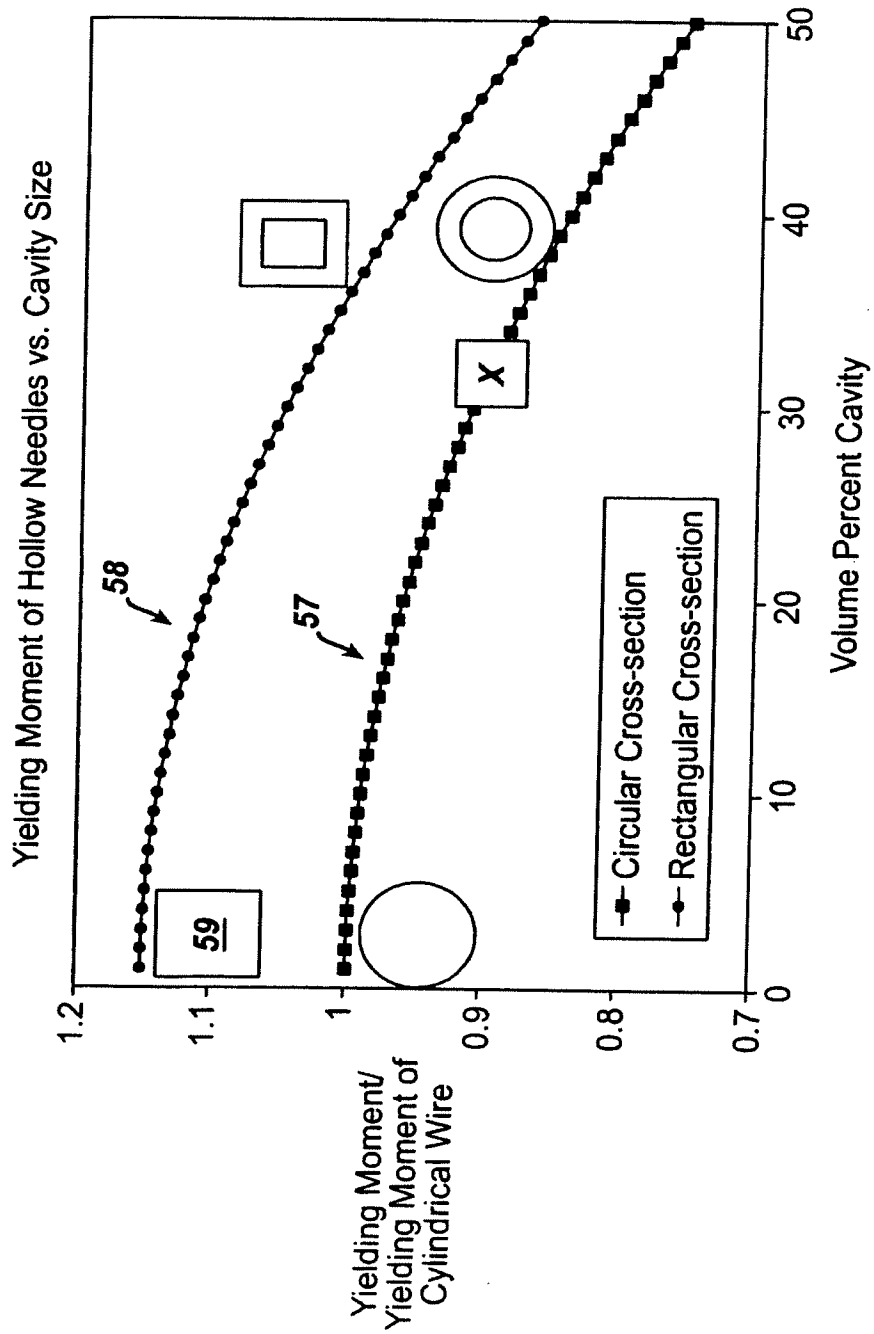


FIG. 6D



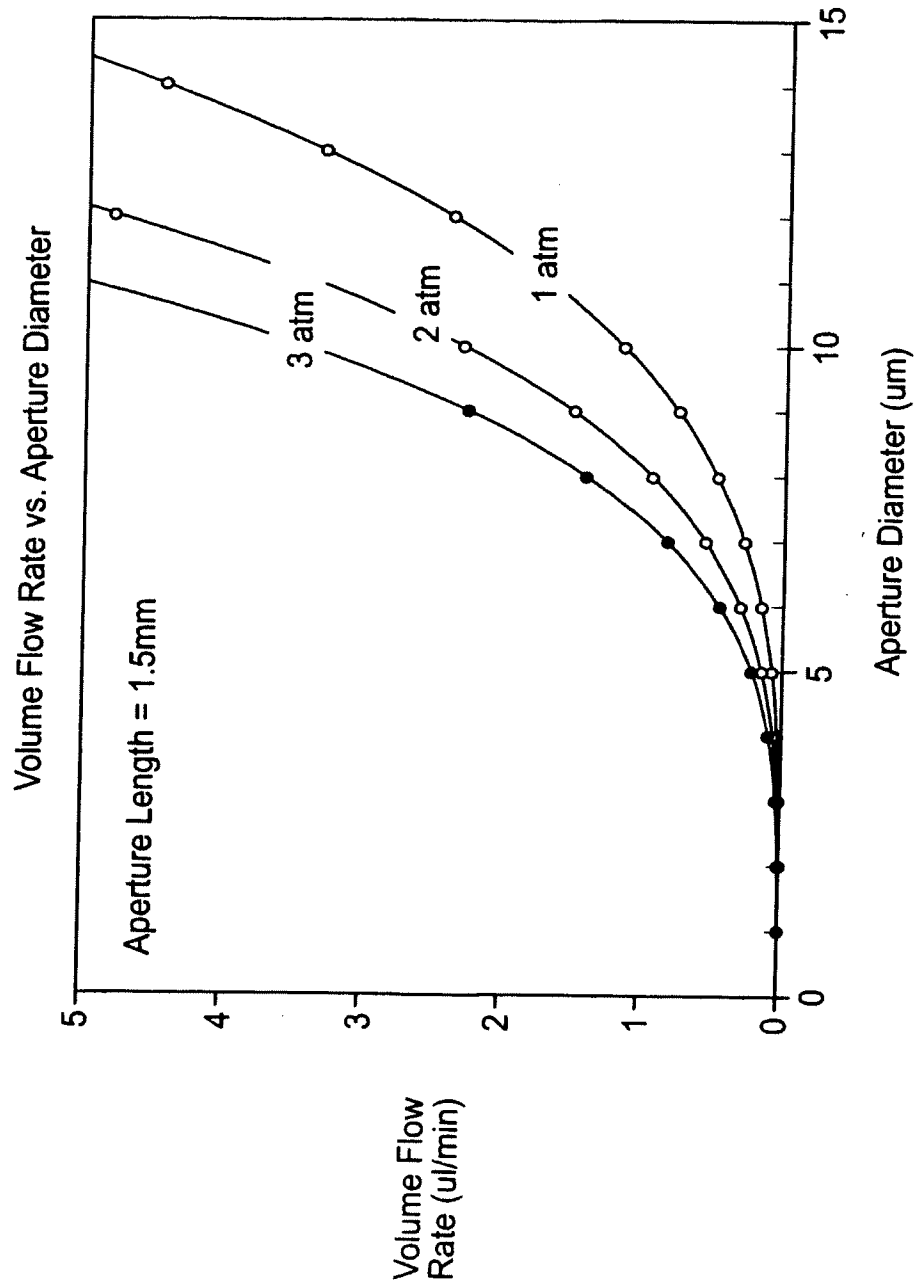
10/14

FIG. 7



11/14

FIG. 8



12/14

FIG. 9A

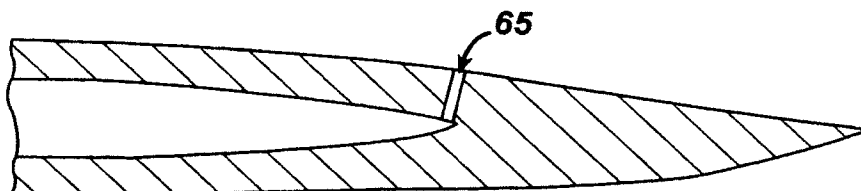


FIG. 9B

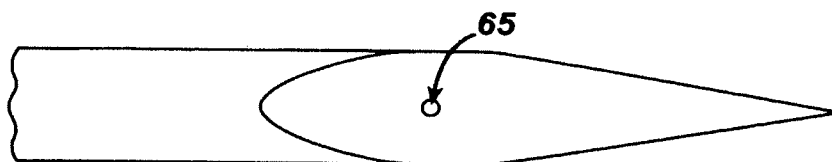


FIG. 9C

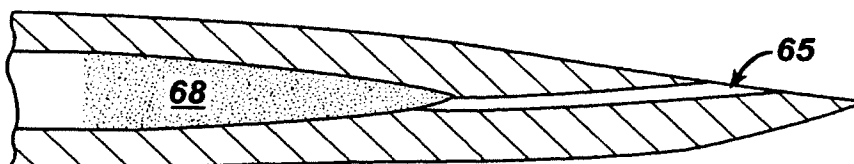


FIG. 9D



13/14

FIG. 9E

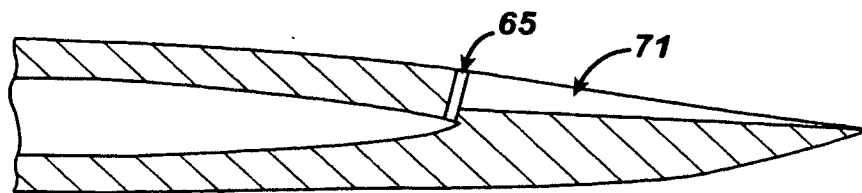
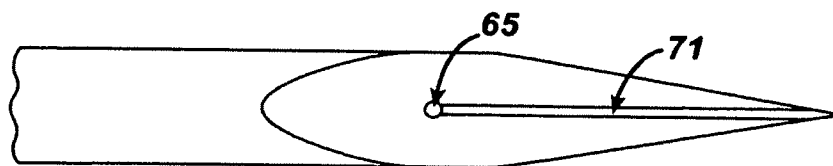


FIG. 9F



14/14

FIG. 10A

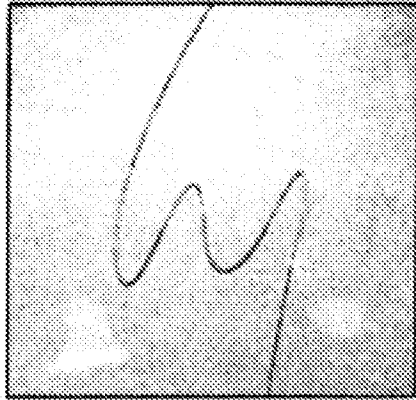


FIG. 10D

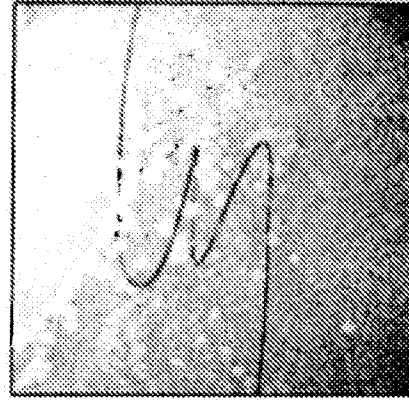


FIG. 10B

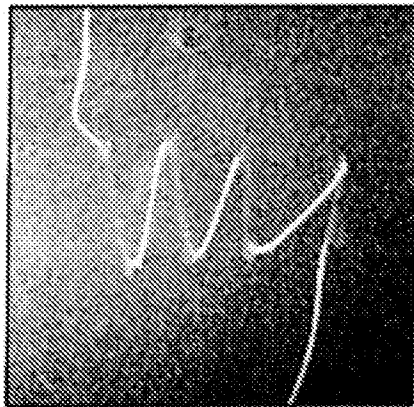


FIG. 10E

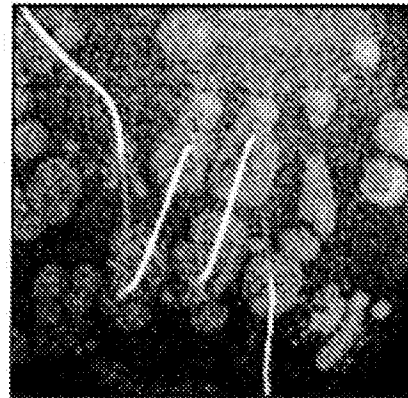


FIG. 10C

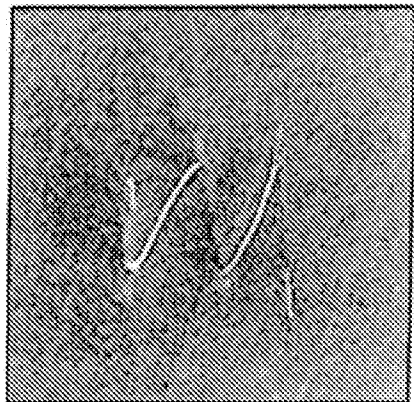
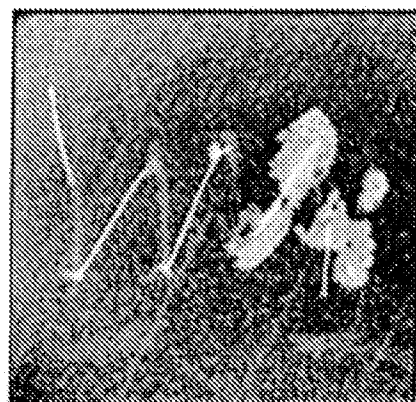


FIG. 10F



74

Active Needle

75

Control